

Title (en)
DATA AND CONTROL MULTIPLEXING IN WIRELESS COMMUNICATIONS

Title (de)
DATEN UND KONTROLLE MULTIPLEXING IN DRAHTLOSER KOMMUNIKATION

Title (fr)
MULTIPLEXAGE DE DONNÉES ET DE COMMANDE DANS DES COMMUNICATIONS SANS FIL

Publication
EP 2428083 B1 20170614 (EN)

Application
EP 10717016 A 20100504

Priority
• US 2010033619 W 20100504
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Abstract (en)
[origin: WO2010129605A1] Systems and methodologies are described that facilitate defining a new control region over resources allocated for communicating general non-control data in a legacy network specification. The new control region can comprise multiple control channels, which can be multiplexed together and/or with general data channels. Devices can receive control data over the new control region as well as information regarding the region, such as location of the region, location of specific resources, multiplexing schemes, frequency hopping patterns, and/or the like to appropriately decode relevant control data. This allows for expanded control resources to support multicarrier assignments, large numbers of devices being addressed, special operation modes, new downlink control information (DCI) formats, and/or the like.

IPC 8 full level
H04B 1/713 (2011.01); **H04W 72/04** (2009.01)

CPC (source: EP KR US)
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H04W 48/08 (2013.01 - KR); **H04W 72/23** (2023.01 - EP US); **H04W 72/232** (2023.01 - KR)

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WO 2008057843 A2 20080515 - QUALCOMM INC [US], et al

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DOCDB simple family (publication)
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